



NORTHROP GRUMMAN

Third NHIN Forum

Demonstration of the Northrop Grumman NHIN Architecture Framework

**Robert M. Cothren, PhD
Chief Scientist, Health Solutions**

DEFINING THE FUTURE

This presentation discusses an NHIN Architecture Prototype project made possible by a contract from the Office of the National Coordinator for Health Information Technology (ONC), DHHS. The content is solely the responsibility of the authors and does not necessarily represent the official view of ONC.

HEALTH



You will see...

... physicians using live, patient care systems to access NHIN services.



You will see...

... consumers using a model PHR application to access NHIN services.



You will see...

... consumers controlling exchange of their health information using a Permissions Registry.



You will see...

... NHIN hide the complexity of the network to simplify the user experience and thereby foster adoption.



You will see...

... NHIN translate information in flight to facilitate connection and lower barriers for participation.



You will see...

... NHIN provide added value by providing access to national data sources, such as RxHub.



You will see...

... NHIN provide added value by automating reporting and routing to other entities, such as the CDC.



You will see...

... real-world scenarios that encompass all three use cases.



You will see...

... how NHIN can make

- physicians more productive,
- consumers more engaged, and
- public health more informed.



Contact Information

Robert M. Cothren, PhD
Chief Scientist, Health Solutions
Northrop Grumman

t: (703) 272-5964

e: Robert.Cothren@ngc.com

Wendell Ocasio, MD
Principal Clinical Systems Architect
Northrop Grumman

t: (703) 272-5864

e: Wendell.Ocasio@ngc.com